Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. <u>D3/678, 570</u>

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

Tigll-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Fig(s) Mylar, velum paper is not accepted. Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 2.7 cm (DI) Size A4) 21.6 cm by 2.7.9 cm (B 12 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MAGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) EMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Corrections not made from prior PTO-948	DRAWINGS, 37 CFR 1.84(a): Acceptable categories of drawings: .	8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(i)
PHOTOGRAPHS. 37 CFR 1.84(b) Photographs may not be mounted. 37 CFR 1.84(c) Photographs may not be mounted. 37 CFR 1.84(c) Paper nor flexible. strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, cupy machine marks not acceptable flow. Fig(s) Mylar, velum paper is not acceptable too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (B1'S xize A4) 21.0 cm by 29.7 cm (B1'S xi I i inches) All drawing sheets not an acceptable size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable size. Size of PAPER. 37 CFR 1.84(f): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) Erasures. acceptable separately or properly. Fig(s) Lead lines missing, Fig(s)	Color drawings are not acceptable until petiton is granted. Fig(s)	when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)
I full-tone set is required. Figts) Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible: strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations. folds, cupy machine marks not acceptable (too thin). Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) 2.1.0 cm by 29.7 cm (10IN size A4) 2.1.0 cm by 27.9 cm (8 1.2 x II inches) All drawing sherets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x II Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) Fig(s) Fig(s) Fig(s) Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) Fig(s	PHOTOGRAPHS. 37 CFR 1.84(b)	SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without
Poor quality (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Erasures alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptedle (too thia). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 2.10 cm by 2-9 cm (81.2×11 inches) All drawing sheets not the same size. All drawings sheets not the same size. Sheet(s) Drawings sheets not an acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81/2×11 Margins not acceptable. Fig(s) Top (7) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Fig(s) Fig(s) Fig(s) Fig(s) Solid black shading not used. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not plain and legible. Fig(s) SiZE: 81/2×11 Margins not acceptable. Fig(s) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Bottom (B) VIEWS. 37 CFR 1.84(h) Bottom (B) Fig(s) Fig(s) Lead lines missing. Fig(s) Lead lines rosso each other. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Fig(s) Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutive		crowding when drawing is reduced in size to two-thirds i
Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, intertineations, folds, copy machine marks not acceptable (too thin). Matar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER, 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 2.9.7 cm (DIN size A4) 21.0 cm by 2.9.7 cm (DIN size A4) 21.0 cm by 2.9.7 cm (B 12 x 11 inches) 37 CFR 1.84(g): Acceptable sizes. 31 CFR 1.84(g): Acceptable sizes. 33 CFR 1.84(g): Acceptable sizes. 33 CFR 1.84(g): Acceptable size. Sheet(s) Drawings sheets not the same size. Sheet(s) MARGINS, 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) SiZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Right (R) Bottom (B) VIEWS, 37 CFR 1.84(h) REMINDER; Specification may require revision to correspond to drawing changes. Partial views, 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) Solid black areas pale, Fig(s) Solid black areas pale, Fig(s) Solid black shading not used may black (poor line quality). Fig(s) Solid black areas pale, Fig(s) S	Poor quality (half-tone). Fig(s)	Fig(s)
Fig(s)		
Mystar, volum paper is not acceptable (too thin). Figts) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 20.7 cm (DIN size A4) 21.b cm by 27.9 cm (BIN size A4) 22.b cm sizes sheets not the same size. 33 CFR 1.84(p) MARGINS. 37 CFR 1.84(g): Acceptable margins: MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 84 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 81 Zx 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) MEMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or 11. SHADING. 37 CFR 1.84(m) Solid black shading not used for color contrast.	Fig(s) Erasures, alterations, overwritings, interlineations.	Lines, numbers & letters not uniformly thick and well
Solid black areas pale. Fig(s) Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) Shade lines, pale, rough and blurred. Fig(s) Size lines, pale, pale		Fig(s) 1 - 37 CFR 1 84(m)
21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (8 1°2 x 11 inches) 21.6 cm by 27.9 cm (8 1°2 x 11 inches) 21.6 cm by 27.9 cm (8 1°2 x 11 inches) 37 CFR 1.84(p) Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Right (R) Bottom (B) YIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Bracks aceded to show figure as one entity. Fig(s) Views not labeled separately or property. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Attaching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Shade lines, pale, rough and blurred. Fig(s) 12. NUMBERS, ETTERS, & REFERENCE GHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Numbers letters and re		Solid black areas pale. Fig(s)
21.6 cm by 27.9 cm (8 12 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or 12. NUMBERS. LETTERS. & REFERENCE CHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Sheet in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Left (L) Sheet in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Lead lines cross each other. Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated Corrections not made from prior PTO-948 dated Corrections not made from prior PTO-948 dated Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.	SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	
All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) Drawings sheets not an acceptable margins: MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Right (R) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or 37 CFR 1.84(p) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Sectional designation should be noted with Arabic or 37 CFR 1.84(p) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2) Fig(s) Shouthers and reference characters not oriented in the same direction as the vie		
Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Right (R) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Fig(s) Sectional designation should be noted with Arabic or Fig(s) Sectional designation should be noted with Arabic or Fig(s) Sectional designation should be noted with Arabic or Fig(s) Social place Right 1.5 cm Bottom 1.0 cm same direction as the view. 37 CFR 1.84(p)(1) Fig(s) Fig(s) Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast.	All drawing sheets not the same size.	37 CFR 1.84(p)
MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Left (L) Brigks Numbers. letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) Lead lines cross each other. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Lead lines missing. Fig(s) Sheets not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.		
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm		Figure legends are poor. Fig(s)
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) SIZE: 8 1/2 x 10 Numbers, letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Figs Top (T) Left (L) Right (R) Bottom (B) SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Left (L) Right (R) Bottom (B) SIZE: 8 1/2 x 11 SIZE: 8 1/2 x 1/2 x 1/2 SIZE: 8 1/2 x 1/2 SIZE:	,	
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) Surface shading shaphes not used. 37 CFR 1.84(p)(2) Fig(s) Surface shading shown not appropriate. Fig(s) Surface shading shown not appropriate. Fig(s) Surface shading shown not appropriate. Fig(s) Surface shading not used for color contrast.		
Margins not acceptable. Fig(s)	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labele	Margins not acceptable. Fig(s) Top (T) Left (L)	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Lead lines cross each other. Fig(s) Sheets most number of consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Ar		
correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SectionAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Lead lines missing. Fig(s) Sheets on numbered consecutively, and in Arabic numera beginning with number 1. Sheet(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.84(w) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.		
Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Fig(s) Fig(s) Fig(s) Description of an object. Fig(s) Fig(s) Description of an object. Fig(s) Fig(s) Sectional designation should be noted with Arabic or Sheets not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Corrections. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated dated Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.	correspond to drawing changes.	
Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) Corrections. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.52 Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.		Sheets not numbered consecutively, and in Arabic numer
Fig(s) Views not numbered consecutively, and in Arabic numera beginning with number 1. Fig(s) beginning with number 1. Fig(s) 16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.		15. NUMBERING OF VIEWS, 37 CFR 1.84(u)
Fig(s) 16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated dated Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.	Fig(s)	Views not numbered consecutively, and in Arabic numer
Corrections not made from prior PTO-948 dated Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or Corrections not made from prior PTO-948 dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast.		
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) Social designation should be noted with Arabic or Solid black shading not used for color contrast.	Fig(s)	
Fig(s) Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.	7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Sectional designation should be noted with Arabic or Solid black shading not used for color contrast.		17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s)
		. Solid black shading not used for color contrast.
		Fig(s)

REVIEWER_	Draftsman: Son Lam (703)308-0336	DATE 02/28/02	TELEPHONE NO.	
ATTACHME	NT TO PAPER NO	_		i

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Reveiw Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (TTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

The below text replaces the pre-printed text under the headin "Information on How to Effect Drawing Changes," on the bac of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be tiled with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the full margin. If corrected drawings are required in a Notice of Allowability (PTOL. 17), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of IT CER T 136(a) or (b) for filling the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Bratisperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication Sec 37 CFR 1.85(a)

Failure to take corrective action within the set period will result if ABANDONIMBINT of the application.